

# IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Grove et al. Attorney Docket No: 22.1540

Serial No: 10/711,785 Art Unit:

Filed: October 5, 2004 Examiner:

For: **Well Treatment System and Method**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

Declaration Submitted with Initial Filing

Declaration Submitted after Initial Filing

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Well Treatment System and Method**

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## CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 by:

facsimile to number \_\_\_\_\_

first class mail

Express Mail: Post Office to Addressee No. \_\_\_\_\_

---

Date

Joanne Hyland

the specification of which

is attached hereto.

was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached YES	Certified Copy Attached NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date
60/509,097	10/6/2003

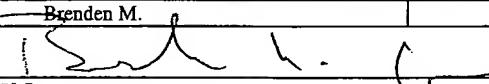
I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number

**Direct all correspondence to:**

**Patent Counsel**  
**Schlumberger Reservoir Completions**  
**Schlumberger Technology Corporation**  
**14910 Airline Road**  
**Rosharon, Texas 77583**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name of Sole or First Inventor</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any]) Brenden M.				Family Name or Surname Grove				
Inventor's Signature						Date	9-30-04	
Citizenship	U.S.							
Residence Address	4932 Falls Circle							
Residence: City	Missouri City	State	TX	ZIP	77459	Country	U.S.	
Post Office Address	4932 Falls Circle							
City	Missouri City	State	TX	ZIP	77459	Country	U.S.	

Mark C. Duhon, a citizen of the United States of America, residing at 2303 Clawson Falls Lane, Sugar Land, Texas 77478;

Lawrence A. Behrman, a citizen of the United States of America, residing at 12442 Shadycrest Drive, Houston, Texas 77082; and

Claude D. Jones, a citizen of the United States of America, residing at 3230 East Rangecrest, Sugar Land, Texas 77479

<input checked="" type="checkbox"/> Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any]) Mark C.				Family Name or Surname Duhon			
Inventor's Signature					Date	5 Oct 2004	
Citizenship	U.S.						
Residence Address	2303 Clawson Falls Lane						
Residence: City	Sugar Land	State	TX	ZIP	77478	Country	U.S.
Post Office Address	2303 Clawson Falls Lane						
City	Sugar Land	State	TX	ZIP	77478	Country	U.S.

<input checked="" type="checkbox"/> Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle [if any])			Family Name or Surname				
Lawrence A.			Behrmann				
Inventor's Signature						Date	27 Oct 04
Citizenship	U.S.						
Residence Address	12442 Shadycrest Drive						
Residence: City	Houston	State	TX	ZIP	77082	Country	U.S.
Post Office Address	12442 Shadycrest Drive						
City	Houston	State	TX	ZIP	77082	Country	U.S.

Name of Additional Inventor		<input type="checkbox"/> A petition has been filed for this unsigned inventor.					
Given Name (first and middle if any)				Family Name or Surname			
Claude D.				Jones			
Inventor's Signature	<i>Claude D. Jones</i>				Date	9-30-04	
Citizenship	U.S.						
Residence Address	3230 East Rangecrest						
Residence: City	Sugar Land	State	TX	ZIP	77479	Country	U.S.
Post Office Address	3230 East Rangecrest						
City	Sugar Land	State	TX	ZIP	77479	Country	U.S.



## STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Schlumberger Technology Corporation

Application No.: 10/711, 785

Docket No.: 22.1540

Entitled: Shaped Charge and Method

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel: 015292, Frame: 6358, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

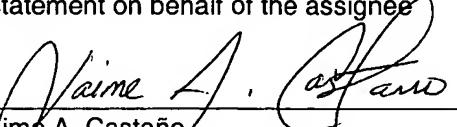
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 5 Oct 04

Signature:

  
Jaime A. Castaño,  
Intellectual Property Counsel

## **Assignment**

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below

**Brenden M. Grove**, a citizen of the United States of America, residing at 4932 Falls Circle, Missouri City, Texas 77459;

**Mark C. Duhon**, a citizen of the United States of America, residing at 2303 Clawson Falls Lane, Sugar Land, Texas 77478;

**Lawrence A. Behrmann**, a citizen of the United States of America, residing at 12442 Shadycrest Drive, Houston, Texas 77082; and

**Claude D. Jones**, a citizen of the United States of America, residing at 3230 East Rangecrest, Sugar Land, Texas 77479;

Has/have invented certain new and useful improvements in

### **Well Treatment System and Method**

as described and set forth in a provisional patent application filed with the United States Patent and Trademark Office on February 19, 2004, Serial No. 60/521,088, and an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on October 5, 2004, Serial No.10/711,785 (Docket No. 22.1540).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, the "**COMPANIES**", listed in **Schedule A**, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in **Schedule A**;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents,

certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

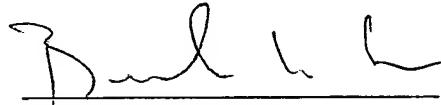
AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **COMPANIES**, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, **Brenden M. Grove**, have hereunto set my hand and seal this

30 day of SEPT, 2004.

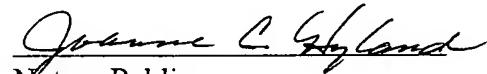
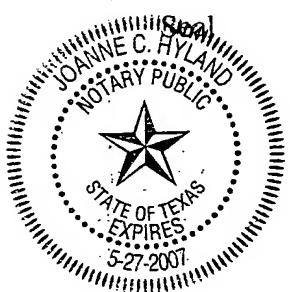


**Brenden M. Grove**

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 30 day of September, 2004, personally appeared **Brenden M. Grove**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Joanne C. Hyland  
Notary Public

IN WITNESS WHEREOF I, **Mark C. Duhon**, have hereunto set my hand and seal this

5 day of October, 2004.

Mark C. Duhon

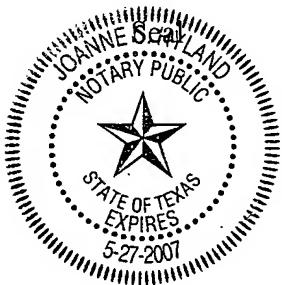
Mark C. Duhon

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 5 day of October, 2004, personally appeared **Mark C. Duhon**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

James C. Gylland  
Notary Public



IN WITNESS WHEREOF I, **Lawrence A. Behrmann**, have hereunto set my hand and seal this

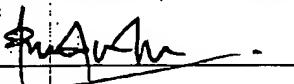
27 day of October, 2004.



Lawrence A. Behrmann

WITNESSED:

BE IT KNOWN that **Lawrence A. Behrmann** is to me known to be the individual described in the foregoing assignment, that on this 27 day of October, 2004, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

  
Witness

**RAUDAH** : **HUSAIN**

Schlumberger Oilfield Support Sdn Bhd (438001-P)  
7th Floor, Rohas Perkasa,  
No. 8, Jalan Perak,  
50450 Kuala Lumpur

Post Office Address

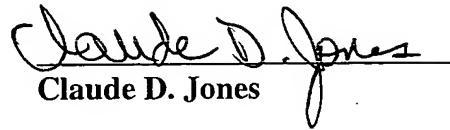
  
Witness

**Jay Russell**

Schlumberger Oilfield Support Sdn Bhd (438001-P)  
7th Floor, Rohas Perkasa,  
No. 8, Jalan Perak,  
50450 Kuala Lumpur

Post Office Address

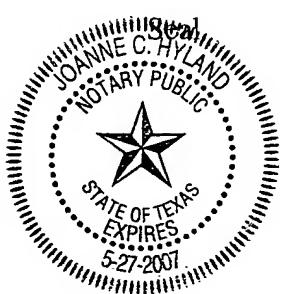
IN WITNESS WHEREOF I, **Claude D. Jones**, have hereunto set my hand and seal this  
30 day of SEPT, 2004.

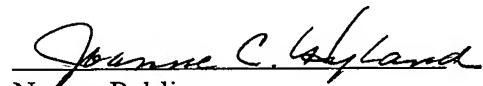
  
\_\_\_\_\_  
Claude D. Jones

STATE OF TEXAS

COUNTY OF BRAZORIA

BEFORE ME this 30 day of September, 2004, personally appeared **Claude D. Jones**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



  
\_\_\_\_\_  
Notary Public

**Schedule A**  
**“COMPANIES”**

**SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

**SCHLUMBERGER HOLDINGS LIMITED**

Corporation of: the Netherlands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Great Britain, Japan, Malaysia, The Netherlands

**SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: USA

Located at: 300 Schlumberger Drive, Sugar Land, TX 77478 US

Assignee for applications in: USA

**SERVICES PETROLIERS SCHLUMBERGER**

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France